



What is LEED?

Leadership in Energy and Environmental Design (LEED) is a voluntary sustainable building, third party verification program established by the U.S. Green Building Council (USGBC) in 1998. The LEED rating system is intended to provide building owners and operators a framework for identifying and implementing practical and measurable green building solutions.

There are four LEED certification levels, which are determined based on credits earned. The current version of LEED incorporates seven categories of credits which can earn a company a maximum of 100 points. Credits are distributed across five major categories (exact point distribution varies by project type, but always totals 100). The categories are not equally weighted and the points do not carry equal benefits. In addition, there are seven mandatory requirements that must be met, which do not earn points. Six points are available for the Innovation in Design category, and an additional four points are available for the Regional Priority category.

LEED Categories

100 Base Points

- Sustainable Sites (SS)
- Water Efficiency (WE)
- Energy and Atmosphere (EA)
- Materials and Resources (MR)
- Indoor Environmental Quality (IEQ)

Ten Additional Points

- Innovation in Design (ID)
- Regional Priority (RP)

Four Certification Levels

- LEED Certified – 40 – 49 points
- Silver Level – 50 – 59 points
- Gold Level – 60 – 79 points
- Platinum Level – 80+ points

Seven Mandatory Requirements

- MPR1: Must Comply with Environmental Laws
- MPR2: Must Be a Complete, Permanent Building or Space
- MPR3: Must Use a Reasonable Site Boundary
- MPR4: Must Comply with Minimum Floor Area Requirements
- MPR5: Must Comply with Minimum Occupancy Rates
- MPR6: Must Commit to Sharing Whole-Building Energy and Water Usage Data
- MPR7: Must Comply with Minimum Building Area to Site Area Ratio

Do Electrical and Networking Products Earn LEED Points?

Within certain categories of LEED, the guidelines expressly state that electrical and networking infrastructure products are not eligible to earn specific points:

“Mechanical, electrical and plumbing components and specialty items such as elevators and equipment cannot be included in (LEED point) calculation(s).”

LEED v3 Guidelines, MR Credits 3, 4, and 5

However, the careful specification and installation of infrastructure products does support your sustainable building goals, and can contribute toward the earning of points in a number of LEED categories – especially if these goals are incorporated at an early stage in the design process. The most common of these products are those which enable operational energy efficiencies, such as passive data center cooling solutions, and the environmental sensors which measure and adjust operations in real time.

A well-planned, unified physical infrastructure coupled with intelligent product selection and an integrated workplace will help you achieve your LEED goals. Panduit offers a range of services and support that contributes to high performance building design through:

- State-of-the-art visibility and control over all critical building systems
- Energy and operational cost saving strategies

Unified Physical Infrastructure



building a smarter, unified business foundation
Connect. Manage. Automate.

PANDUIT[®]

How Can Panduit Help?

Panduit Advisory Services

Panduit has several LEED certified personnel that can help you achieve a point for LEED certified personnel involvement, if we are active in the design process. For example, Panduit can assist in your deployment of energy efficient data center solutions by conducting a Computational Fluid Dynamics (CFD) Analysis which can lead to a consultative approach where our Advisory Services team works with you to determine the optimum configuration for your facility.

Advisory Services

- Using our expertise and experience to perform your quality testing
- Helping you create an energy model during the design phase to evaluate and determine the level of energy efficiency you would sustain

LEED Credits

- EA – Enhanced Commissioning, Credit 3
- EA – Optimize Energy Performance, Credit 1
- EA – Enhanced Refrigerant Management, Credit 4

Panduit® SmartZone™ Solutions

SmartZone™ Solutions bring together Panduit intelligent appliances, gateways, software, and services for the data center and enterprise to deliver optimized monitoring and analysis of power/energy, asset/connectivity, and thermal/cooling data at a zone level critical to your business requirements.

SmartZone™ Solutions

- Addresses your data center and enterprise needs holistically through our 6 Zone™ Methodology which is designed to help you understand how your facility's energy use will be consumed and how to minimize your consumption
- Provides consolidated, accurate, and granular visibility and intelligence information to help you more effectively address major challenges, including rising energy costs and capacity constraints
- Allows you to meet MPR6 – Must Commit to Sharing Whole-Building Energy and Water Usage Data

LEED Credit

- EA – Measurement and Verification, Credit 5

Packaging

Panduit packaging has innovative designs that offer optimal product protection, and efficient, cost effective solutions.

Packaging

- Consolidates our packaging to a minimum, resulting in less construction waste
- Works with channel partners to pre-load and configure cabinets at their sites to minimize work site packaging
- Uses recyclable material

LEED Credit

- MR – Construction Waste Management, Credit 2

Panduit® Design

Our LEED Gold certified World Headquarters (WHQ) Building leverages intelligent design features to achieve state-of-the-art visibility and control over all critical building systems as well as energy and operational cost savings strategies – all aligned under a single unified structure.

Design/WHQ

- Leverages our experience to show you how to continually examine energy consumption to reduce utility costs
- Enables energy efficiencies, reducing heat loss and providing a better understanding of how you can maximize resources in distributing network to your users

LEED Credit

- ID – Innovation in Design Process

LEED provides the guidelines, measurement tools, and benchmarks for LEED certification. Panduit has achieved LEED Gold Certification with our building and can help you create sustainable solutions that make a difference to your business.

For more information call your Panduit Sales representative today.